

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
31 August 2006 (31.08.2006)

PCT

(10) International Publication Number  
**WO 2006/091425 A3**

(51) International Patent Classification:

G06F 11/00 (2006.01) G06F 15/18 (2006.01)  
G06F 12/14 (2006.01) G08B 23/00 (2006.01)  
G06F 12/16 (2006.01)

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(21) International Application Number:

PCT/US2006/005110

(22) International Filing Date:

14 February 2006 (14.02.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/062,409 22 February 2005 (22.02.2005) US

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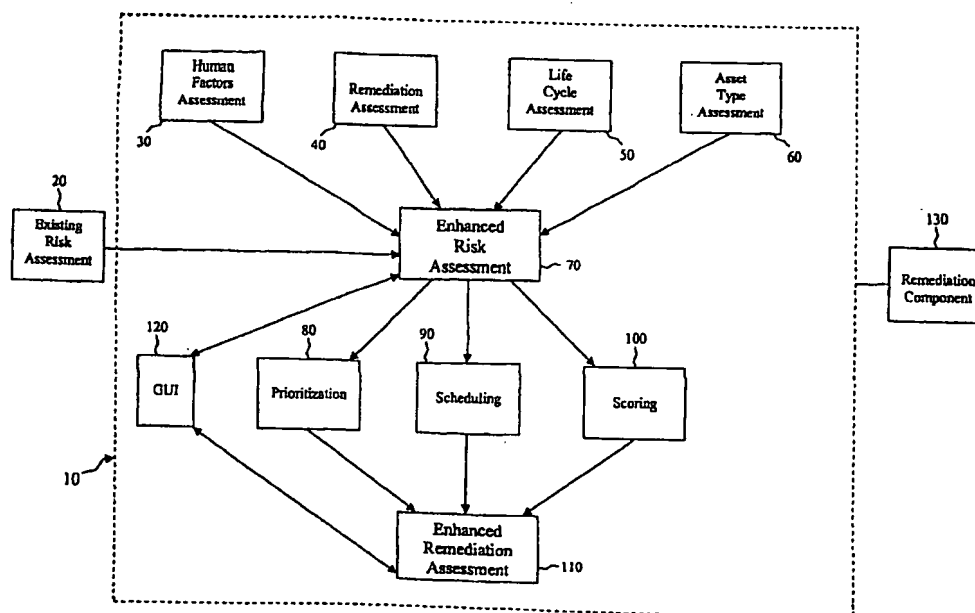
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: SECURITY RISK ANALYSIS SYSTEM AND METHOD



(57) Abstract: A system and method for assessing risks to a computer network is provided. The system includes a first module assessing a human factor related to a risk to the computer network (30). A second module assesses a remediation to the computer network (40), and a third module is operable to assess a life cycle of an asset on the computer network (50). A fourth module assesses a type of the asset used by the computer network (60).

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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

(88) Date of publication of the international search report:  
15 March 2007

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/05110

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: G06F 11/00( 2007.01),12/14( 2007.01),12/16( 2007.01),15/18( 2007.01),G08B 23/00( 2007.01)

USPC: 726/25

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 726/25, 713/176

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 2002/0026591 A1 (Hartley et al) 28 February 2002 (28.02.2002), paragraphs 5-10, 27, 34, 41, 44, 59, 58,	1, 3, 13, 16, 28-31, 33, 35, 36 2, 4, 7-9, 12, 14, 24-27, 32, 37-39-41-45
X	US 2004/0010709 A1 (Baudon et al) 15, January, 2004 (15.01.2004), paragraphs 5, 19, table 1	1, 2, 5, 6, 10, 11, 15, 16 40
Y	US 2002/0147803 A1 (Dodd et al) 10 October, 2002 (10.10.2002), Abstract	2, 20, 41, 43, 44, 45
Y	US 2003/0056113 A1 (Korosec) 20 March 2003 (20.03.2003), paragraphs 3, 5, 32	4, 7, 8, 14, 38, 39

☒ Further documents are listed in the continuation of Box C.



See patent family annex.

Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"B" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

12 December 2006 (12.12.2006)

Date of making of the international search report

26 JAN 2007

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Form PCT/ISA/210 (second sheet) (July 1998)

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/0188481 A1 (Bert et al) 12 December 2002 (12.12.2002), paragraph 36.	9
Y	US 2003/0140250 A1 (Taninaka et al) 24 July 2003 (24.07.2003), paragraph 34	32
Y	US 2002/0138271 A1 (Shaw et al ) 26 September 2002 (26.09.2002) paragraphs 147, 149, 160	37, 41
Y	US 2004/0019803 A1 (Jahn) 29 January 2004 (29.01.2004) Paragraphs 59, 30, 56, Figure 4	12, 42
Y	US 6,324,656 (Gleichauf et al) 27 November 2001 (27.11.2001) col. 7 lines 31-54	17-19, 21, 23 20, 22, 24-27
Y	US 6,493,871 (McGuire et al) 10 December 2002 (10.12.2002) col. 4 lines 10-42	17-19, 21, 23 20, 22, 24-27
Y	US 6,334,190 (Silverbrook et al) 25 December 2001 (25.12.2001), col. 17 lines 40-54; col. 1 lines 34-38	22

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/05110

## Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claim Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claim Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claim Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:  
Please See Continuation Sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

☐  
☐

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

PCT/US06/05110

### **BOX II. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING**

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group 1, claim(s) 1-16 and 28-45, drawn to dealing with vulnerability assessment, classified in class 726, subclass 25..

Group 2, claim(s) 17-27, drawn to authentication by a digital signature, classified in class 713, subclass 176..